



PTO/SB/08A (08-03)

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/729,417		
		Filing Date	December 5, 2003		
		First Named Inventor	Wakefield, Todd D.		
		Art Unit	2164		
		Examiner Name	Phuong-Thao Cao		
Sheet	1	of	10	Attorney Docket Number	03760.013/5130P

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PTC		US- 4,914,590	04-03-1990	Loatman et al.	704/8
PTC		US- 5,694,523	12-02-1997	Wical	706/45
PTC		US- 5,933,818	08-03-1999	Kasravi et al.	706/12
PTC		US- 20030167266-A1	09-04-2003	Saldanha et al.	707/6
PTC		US- 6,304,870	10-16-2001	Kushmerick et al.	707/4
PTC		US- 6,102,969	08-15-2000	Christianson et al.	717/146
PTC		US- 5,890,103	03-30-1999	Carus	704/9
PTC		US- 5,768,580	06-16-1998	Wical	707/102
PTC		US- 5,887,120	03-23-1999	Wical	706/46
PTC		US- 5,918,236	06-29-1999	Wical	715/500
PTC		US- 5,930,788	07-27-1999	Wical	707/5
PTC		US- 5,940,821	08-17-1999	Wical	707/3
PTC		US- 5,953,718	09-14-1999	Wical	707/5
PTC		US- 5,963,940	10-05-1999	Liddy et al.	707/5
PTC		US- 6,038,560	03-14-2000	Wical	707/5
PTC		US- 6,061,675	05-09-2000	Wical	706/45
PTC		US- 6,076,088	06-13-2000	Paik et al.	707/5
PTC		US- 6,199,034	03-06-2001	Wical	704/9
PTC		US- 6,263,335	07-17-2001	Paik et al.	707/5

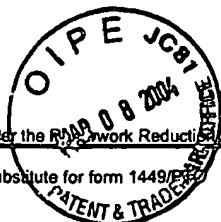
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
PTC		WO-98/24016	06-04-1998	Devoino et al.	G06C	
PTC		WO-99/18527	04-15-1999	Batchilo et al.	G06F 17/50	
PTC		WO-00/14651	03-16-2000	Tsourikov et al	G06F 17/28	
PTC		WO-00/46703	08-10-2000	Devoino et al.	G06F 17/50	

Examiner Signature	/Phuong Thao Cao/ <i>Phuong Thao Cao</i>	Date Considered	05/17/2006
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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/729,417
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	2164
Examiner Name	Phuong-Thao Cao
Attorney Docket Number	03760.013/5130P

Sheet 2 of 10

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PTC		US- 6,460,034	10-01-2002	Wical	707/5
PTC		US- 6,487,545	11-26-2002	Wical	706/45
PTC		US- 6,507,829	01-14-2003	Richards et al.	706/45
PTC		US- 6,513,006	01-28-2003	Howard et al.	704/257
PTC		US- 6,523,026	02-18-2003	Gillis	707/3
PTC		US- 6,553,385	04-22-2003	Johnson et al.	707/104.1
PTC		US- 6,567,805	05-20-2003	Johnson et al.	707/5
PTC		US- 6,571,235	05-27-2003	Marpe et al.	707/3
PTC		US- 6,584,470	06-24-2003	Veale	707/102
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PTC		US- 20030163302	08-28-2003	Yin	704/9
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		US-			
		US-			
		US-			

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Examiner  
Signature

/Phuong Thao Cao/ *Phy Thao Cao*

Date  
Considered

05/17/2006

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number	10/729,417
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	2164
Examiner Name	Phuong-Thao Cao
Attorney Docket Number	03760.013/5130P

Sheet 3 of 10**U. S. PATENT DOCUMENTS**

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PTC		US- 4,965,763	10-23-1990	Zamora	704/1
PTC		US- 4,992,972	02-12-1991	Brooks et al.	715/708
PTC		US- 5,146,405	09-08-1992	Church	704/9
PTC		US- 5,614,899	03-25-1997	Tokuda et al.	341/51
PTC		US- 5,696,916	12-09-1997	Yamazaki et al.	715/853
PTC		US- 5,799,268	08-25-1998	Boguraev	704/9
PTC		US- 5,802,504	09-01-1998	Suda et al.	706/11
PTC		US- 5,844,798	12-01-1998	Uramoto	704/2
PTC		US- 5,878,385	03-02-1999	Bralich et al.	704/9
PTC		US- 5,901,068	05-04-1999	Batchilo et al.	703/6
PTC		US- 6,056,428	05-02-2000	Devoino et al.	703/2
PTC		US- 6,167,370	12-26-2000	Tsourikov et al.	704/9
PTC		US- 6,202,043	03-13-2001	Devoino et al.	703/17
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Signature/Phuong Thao Cao/ *Phuong Thao Cao*Date  
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Sheet <u>4</u> of <u>10</u>	Attorney Docket Number	03760.013/5130P	

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PTC		US- 4,864,502	09-05-1989	Kucera et al.	704/8
PTC		US- 4,868,750	09-19-1989	Kucera et al.	704/8
PTC		US- 4,887,212	12-12-1989	Zamora et al.	704/8
PTC		US- 4,905,138	02-27-1990	Bourne	717/139
PTC		US- 4,994,966	02-19-1991	Hutchins	704/9
PTC		US- 5,068,789	11-26-1991	van Vliembergen	704/9
PTC		US- 5,083,268	01-21-1992	Hemphill et al.	706/11
PTC		US- 5,164,899	11-17-1992	Sobotka et al.	704/9
PTC		US- 5,225,981	07-06-1993	Yokogawa	704/2
PTC		US- 5,243,520	09-07-1993	Jacobs et al.	704/9
PTC		US- 5,268,840	12-07-1993	Chang et al.	704/9
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PTC		US- 5,323,316	06-21-1994	Kadashevich et al.	704/9
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PTC		US- 5,438,512	08-01-1995	Mantha et al.	715/517
PTC		US- 5,559,693	09-24-1996	Anick et al.	704/9
PTC		US- 5,682,539	10-28-1997	Conrad et al.	704/9
PTC		US- 5,687,384	11-11-1997	Nagase	704/9

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PTC		US- 5,781,879	07-14-1998	Arnold et al.	704/9
PTC		US- 5,878,386	03-02-1999	Coughlin	704/10
PTC		US- 5,926,784	07-20-1999	Richardson et al.	704/9
PTC		US- 5,930,746	07-27-1999	Ting	704/9
PTC		US- 5,960,384	09-28-1999	Brash	704/9
PTC		US- 5,963,894	10-05-1999	Richardson et al.	704/9
PTC		US- 5,991,539	11-23-1999	Williams	717/143
PTC		US- 6,052,693	04-18-2000	Smith et al.	707/104.1
PTC		US- 6,138,087	10-24-2000	Budzinski	704.9
PTC		US- 6,182,029	01-30-2001	Friedman	704/9
PTC		US- 6,223,150	04-24-2001	Duan et al.	704/9
PTC		US- 6,243,669	06-05-2001	Horiguchi et al.	704/9
PTC		US- 6,446,081	09-03-2002	Preston	707/104.1
PTC		US- 6,505,157	01-07-2003	Elworthy	704/257
PTC		US- 6,535,886	03-18-2003	Koontz	707/102
PTC		US- 6,553,385	04-22-2003	Johnson et al.	707/104.1
PTC		US- 6,556,964	04-29-2003	Haug et al.	704/9

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PTC		US- 5,060,155	10-22-1991	van Zuijlen	704/10
PTC		US- 5,095,432	03-10-1992	Reed	704/9
PTC		US- 5,146,406	09-08-1992	Jensen	704/9
PTC		US- 5,311,429	05-10-1994	Tominaga	704/9
PTC		US- 5,418,717	05-23-1995	Su et al.	704/9
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PTC		US- 5,475,587	12-12-1995	Anick et al.	704/9
PTC		US- 5,490,061	02-06-1996	Tolin et al.	704/2
PTC		US- 5,594,837	01-14-1997	Noyes	706/55
PTC		US- 5,727,222	03-10-1998	Maxwell, III et al.	704/9
PTC		US- 5,761,631	06-02-1998	Nasukawa	704/9
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PTC		US- 5,841,900	11-24-1998	Rahgozar et al.	382/176
PTC		US- 5,878,406	03-02-1999	Noyes	706/55
PTC		US- 5,903,860	03-11-1999	Maxwell, III et al.	704/9
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† <sup>5</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature/Phuong Thao Cao/ *Phuong Thao Cao*Date  
Considered

05/17/2006

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 7 of 10**Complete if Known**

Application Number	10/729,417
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	2164
Examiner Name	Phuong-Thao Cao
Attorney Docket Number	03760.013/5130P

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PTC		US- 5,966,686	10-12-1999	Heidorn et al.	704/9
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PTC		US- 6,061,675	05-09-2000	Wical	706/45
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PTC		US- 6,292,771	09-18-2001	Haug et al.	704/9
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Phuong Thao Cao/ <i>Phuong Thao Cao</i>	Date Considered	05/17/2006
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 8 of 10**Complete if Known**

Application Number	10/729,417
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	2164
Examiner Name	Phuong-Thao Cao
Attorney Docket Number	03760.013/5130P

**U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
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PTC		US- 6,611,825	08-26-2003	Billheimer et al.	706/45
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Phuong Thao Cao/ <i>Phuong Thao Cao</i>	Date Considered	05/17/2006
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Sheet	4	of	10
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Application Number	10/729,417
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	2164
Examiner Name	Phuong-Thao Cao
Attorney Docket Number	03760.013/5130P

## U. S. PATENT DOCUMENTS

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Signature**

/Phuong Thao Cao/ *Phuong Thao Cao*

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/729,417		
		Filing Date	December 5, 2003		
		First Named Inventor	Wakefield, Todd D.		
		Art Unit	2164		
		Examiner Name	Phuong-Thao Cao		
Sheet	10	of	10	Attorney Docket Number	03760.013/5130P

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PTC		BEAN, "Corpus-Based Identification ...", 27th Annual Meeting of the Association of Computational Linguistics, June 20-26 1999, p. 373-380, University of Maryland, USA	
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PTC		"State-of-the-art of Spoken Language Systems - a Survey", Sept. 1992, Speech Technology Centre, Aalborg University, Aalborg, Denmark	

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**Complete if Known**

Application Number	10/729,417
Filing Date	December 5, 2003
First Named Inventor	WAKEFIELD, Todd D.
Art Unit	2171
Examiner Name	Unassigned
Attorney Docket Number	5130 P

*(use as many sheets as necessary)*

Sheet	1	of	1
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